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Wednesday, 29 September 2004

**Re: The Guru Ji (Mahendra Kumar Trivedi of Bombay, India)**

On 20 SEP 2004, following introduction by Dr David Chu, Dr Beth Hedva and Harold Finkelman, their colleague Dr Lori Croteau visited me from Alberta accompanied by Guru Ji from Bombay. They attended 2 hours rigorous interviewing on "Faith Healing" conducted independently by four academically qualified executive members of the International Council of Integrative Medicine, in the specialty of Mind Body Medicine.

- Under clinical experimental conditions, the Guru was then invited to demonstrate one of his blessings with an individual who was not a patient, previously unknown to the Guru or anyone present at the colloquium.
- The selected computerised biofeedback assessment was administered and recorded for a set of standardized measurements published in learned scientific journals since 1979 onwards.
- The short 12 minute RELAX program component of the Coronary Age Risk Factor Assessment was administered (Cassel and Costello, 1979-2003). Published references may be downloaded from various Psychology and Education e-library databases. These include EB SCO (formerly Bell & Howell), the American Psychological Association or [www.r.cassel.com](http://www.r.cassel.com) and [www.cassel.edu.au](http://www.cassel.edu.au)
- While the individual was mutually praying, Guru Ji was monitored simultaneously with computerized biofeedback measuring Electromyography (EMG), Heart rate change (PUL) Peripheral body temperature (TEM) and Epidermal Skin Response (GSR).
- On formal examination of Guru Ji's attached computerised biofeedback results, his measurements were "uniquely dissimilar" from any other administered to patients and non-patient samples (1979 until 2004).

On the basis of my overall assessment and impressions as a research scientist with further interviewing today, it is my professional opinion that a formal research study should be commenced. The proposed study should be constrained by solid experimental research design with appropriate mainstream medicine and biofeedback markers. In the specialty of Mind-Body Medicine, I recommend future pre-post Faith Healing assessment.



*Fellow and Diplomate in Psychological Disabilities Evaluation and Rehabilitation*  
*Fellow of the College of Pain Management, American Association of Integrative Medicine*  
*PhD and MA Supervisor, Graduate School of Integrative Medicine, Swinburne University*  
*American College of Forensic Examiners, Advisory Board for Continuing Education*

*Chairman, American Board of Psychological Specialties in Neuropsychology*  
*Australian Chief Liaison Officer, American College of Forensic Examiners*

*Ambassador, International Council of Psychologists Est. 1943*  
*Member of the Australasian Integrative Medicine Association*  
*Chairman, International Council of Integrative Medicine*  
*Australian Coordinator, United States Sports Academy*  
*Fellow and Diplomate in Forensic Neuropsychology*  
*Member of the Australian College of Educators*

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**[www.cassel.edu.au](http://www.cassel.edu.au) [www.icimedicine.com](http://www.icimedicine.com) [www.swin.edu.au/gsim](http://www.swin.edu.au/gsim) [www.onetv.com](http://www.onetv.com)**

ASSESSMENT OF SELF-CONTROL IN RELAXATION FOR 12 MINUTES (RELAX)  
(Confidential Record)

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TOTAL

T-Like Score	0-2 Min	3-4 Min	5-6 Min	6 minute Average	0-2 Min	3-4 Min	5-6 Min	6 minute Average	Total Ave
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80	E	E P	E P	E P	E P	E P	E P	E P	E P
	E P	E P	E P	E P	E P	E P	E P	E P	E P
75	E P	E P	E P	E P	E P	E P	E P	E P	E P
	E P	E P	E P	E P	E P	E P	E P	E P	E P
70	E P	E P	E P	E P	E P	E P	GE P	E P	E P
-	E P	-	E P	-	E P	-	GE P	-	E P
	E P	E P	E P	E P	E P	E P	GE P	E P	E P
65	E P	E P	E P	E P	E P	E P	GE P	E P	E P
	E P	E P	E P	E P	E P	E P	GE P	E P	E P
60	E P	E P	E P	E P	E P	E P	GE P	E P	E P
-	E P	-	E P	-	E P	-	GE P	-	E P
	E P	E P	E P	E P	E P	E P	GE P	E P	E P
55	GE P	E P	E P	E P	E P	E P	GE P	E P	E P
	GE P	GE P	E P	E P	E P	E P	GE P	GE P	GE P
50	GE P	GE P	E P	GE P	E P	E P	GE P	GE P	GE P
-	GE P	-	E P	-	E P	-	GE P	-	GE P
	GE P	GE P	GE P	GE P	E P	GE P	GE P	GE P	GE P
45	GE P	GE P	GE P	GE P	GE P	GE P	GE P	GE P	GE P
	GE P	GE P	GE P	GE P	GE P	GE P	GE P	GE P	GE P
40	GE P	GE P	GE P	GE P	GE P	GE P	GE P	GE P	GE P
-	GE P	-	GE P	-	GE P	-	GE P	-	GE P
	GE P	GE P	GE P	GE P	GE P	GE P	GE P	GE P	GE P
35	GE P	GE P	GE P	GE P	GE P	GE P	GE P	GE P	GE P
	GE P	GE P	GE P	GE P	GE P	GE P	GE P	GE P	GE P
30	GE P	GE P	GE P	GE P	GE P	GE P	GE P	GE P	GE P
-	GE P	-	GE P	-	GE P	-	GE P	-	GE P
	GE P	GE P	GE P	GE P	GE P	GE P	GE P	GE P	GE P
25	GE P	GE P	GE P	GE P	GE P	GE P	GE P	GE P	GE P
	GE P	GE P	GE P	GE P	GE P	GE P	GE P	GE P	GE P
20	GETP	GETP	GETP	GETP	GETP	GETP	GETP	GETP	GETP

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GSR	55	52	44	51	42	46	70	52	52
EMG	80	80	80	80	80	80	80	80	80
TEM	20	20	20	20	20	20	20	20	20
PUL	78	80	79	79	80	79	79	79	79

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Name - JI , GURU - . Age - 41 Sex - MALE  
Address - INDIA Marital Status - DIVORCED

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Test Administered 09-20-2004 15:34:53 Initial GSR = 57

Biofeedback Mode

GSR = GGGG EMG = EEEE TEMP = TTTT PULS = PPPP

Each of the four scores ranges from 20 to 80 and represents one of the important neural functions of one's body. Scores above 50 depict an absence of self control in the neural area represented by the score, i.e., GSR=emotions, EMG=tension, TEM=emergency state, and PUL=perceived stress load. Similarly, scores below 50 reflect adequate control in the respective area of the score. Where one or more of the four neural function scores "jet out" beyond the others, a disharmony in neural functioning and lack of self-control is present.



*RAB*  
20 SEP, 2004

# SphygmoCor® Evaluation Report



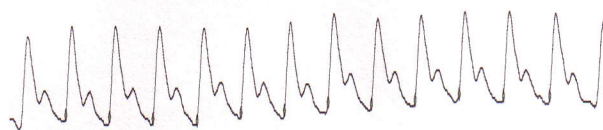
## PATIENT DATA

Patient Name **Trivedi, Mahendra K**  
Patient ID  
Patient Code  
Age, Sex **41 (20 Feb 1963), MALE**

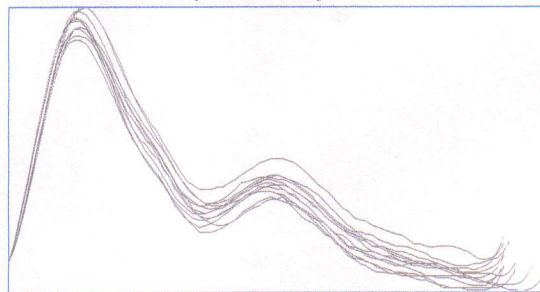
Address :

## STUDY DATA

**07 Oct 2004, 8:23:49 PM** Operator ID:  
Medication:  
Notes:



Captured Data Quality Control

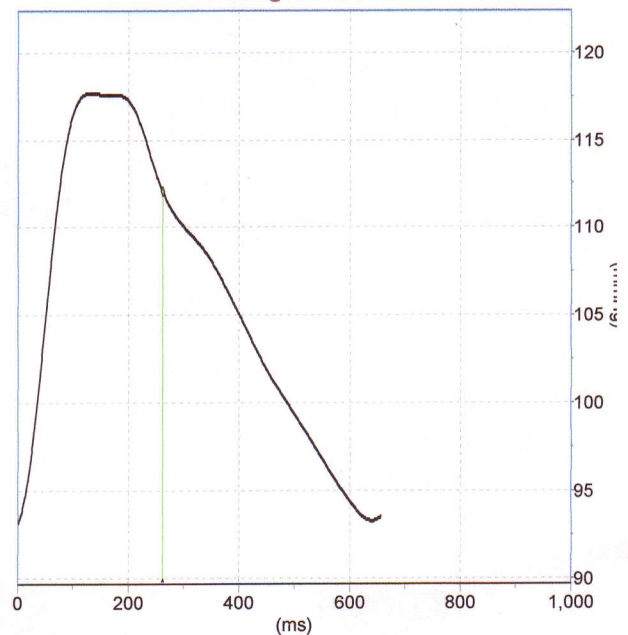


Pulse Height **126**  
Pulse Height Variation **3%**  
Diastolic Variation **3%**  
  
Pulse Length Variation **2%**  
dP/dt Max **600**

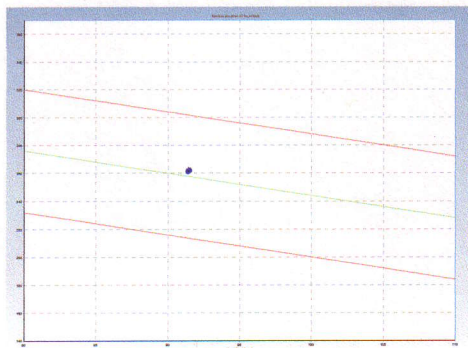
Quality Index  
**97**

Sp	Sp
<b>134</b>	<b>118</b>
Dp	Dp
<b>92</b>	<b>93</b>
PP	PP
<b>42</b>	<b>25</b>
MP	MP
<b>106</b>	<b>106</b>
HR	AP
<b>91</b>	<b>0</b>

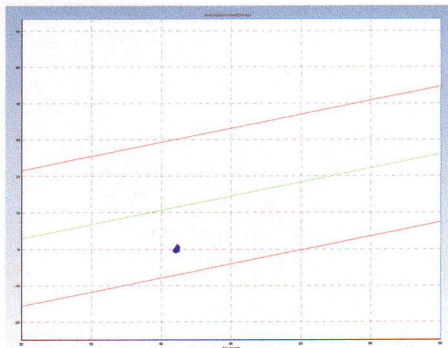
Average Aortic Pulse



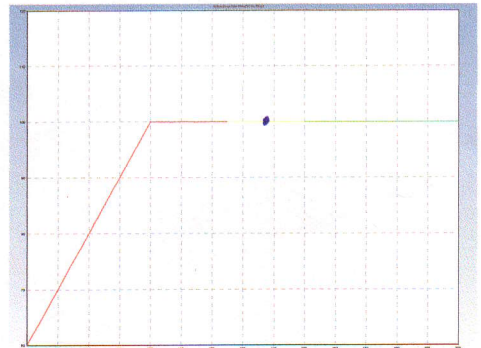
## CENTRAL HAEMODYNAMIC PARAMETERS



Ejection Duration (ED)  
**262 ms, 40%**



Augmentation Index  
**0%**



Buckberg SEVR  
**137% (3675/2680)**



# SphygmoCor® Evaluation Report



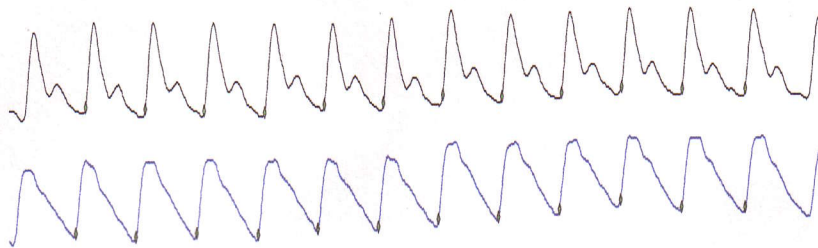
## PATIENT DATA

Patient Name **Trivedi, Mahendra K**  
 Patient ID  
 Patient Code  
 Age, Sex **41 (20 Feb 1963), MALE**

Address :

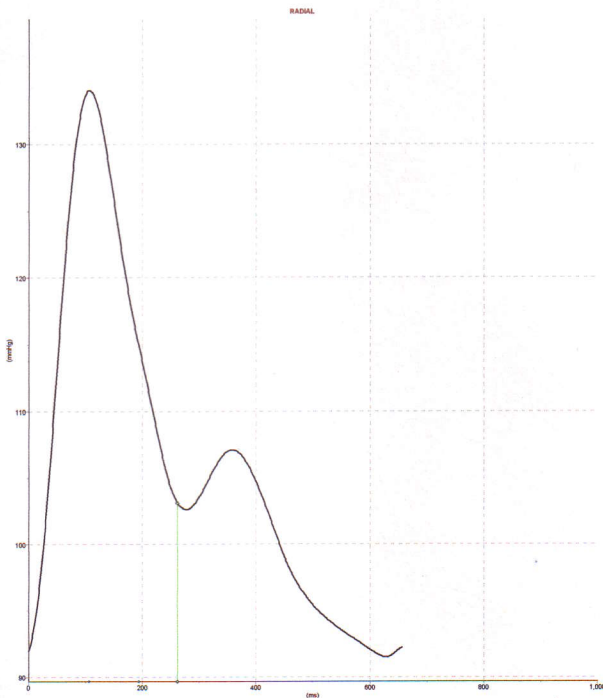
## STUDY DATA

**07 Oct 2004, 8:23:49 PM** Operator ID:  
 Medication:  
 Notes:



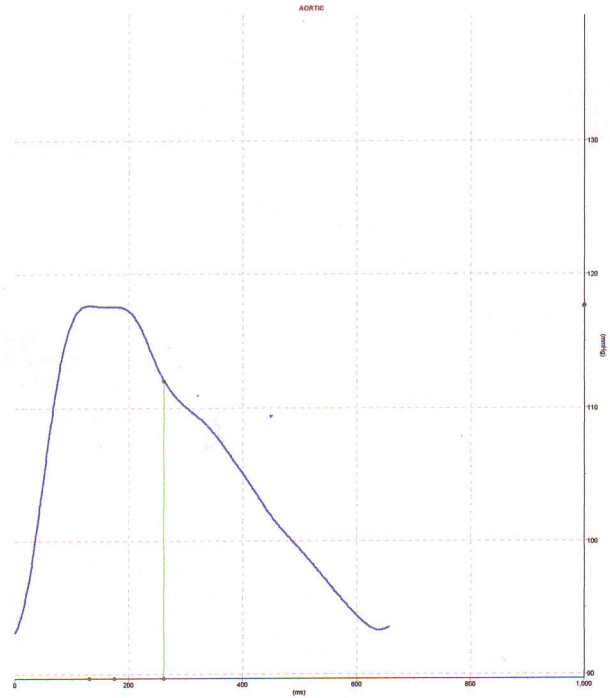
## QUALITY CONTROL

Pulse Height **126**  
 Pulse Height Variation **3%**  
 Diastolic Variation **3%**  
 Pulse Length Variation **2%**  
 dP/dt Max **600**



Peripheral T1, T2, Alx 106ms, 193ms, 55%

Sp	Sp
<b>134</b>	<b>118</b>
Dp	Dp
<b>92</b>	<b>93</b>
PP	PP
<b>42</b>	<b>25</b>
MP	MP
<b>106</b>	<b>106</b>



Aortic Alx (AG/PP) @HR75 8%

## CENTRAL HAEMODYNAMIC PARAMETERS

Heart Rate, Period **91 bpm, 656 ms**  
 Ejection Duration (ED) **262 ms, 40%**  
 Aortic T1, T2, Tr **131, 174, 157 ms**

P1 Height(P1 - Dp) **25 mmHg**  
 Augmentation (AG) **0 mmHg**  
 Aug. Index (AG/PP, P2/P1) **0%, 100%**

Buckberg SEVR (Ad/As) **137% (3675/2680)**  
 MP. (Systole, Diastole) **112, 102 mmHg**  
 End Systolic Pressure **112 mmHg**

# CARDIO-DIAGNOSTICS SCREEN

## Standard Explanatory Form

Patient Name:	Trivedi Mahendra K
Date:	7 <sup>th</sup> October, 2004

Parameter	Result	Normal Range	Fit Athlete	Poor Result
1. Pulse Rate	91 b/min	56 – 72	< 56	> 80
2. Blood Pressure (Radial)	134/92 mmHg	< 135/85		> 135/85
3. Ejection Duration	37 %	30 – 40%	< 30%	> 40%
4. Buckberg	137 %	130 – 200%	> 200%	< 130%
5. Augmentation	0 mmHg	< 10	< 5	> 10
6. Aortic Reflection	157 ms	140 - 150	> 150	< 140

- It is important these results are interpreted in combination with clinical history, risk factor profile, age, weight and level of physical activity.
- Ejection Duration & Buckberg are indicators of cardiac performance and efficiency of coronary blood flow.
- Augmentation and Aortic Reflection are indicators of peripheral and central arterial stiffness (one of the earliest parameters of atherosclerosis)

These results are very unusual. The Augmentation and Aortic reflection show the amount of stiffness seen in a person 20-25 years younger.



DR JOHN LEVIN

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